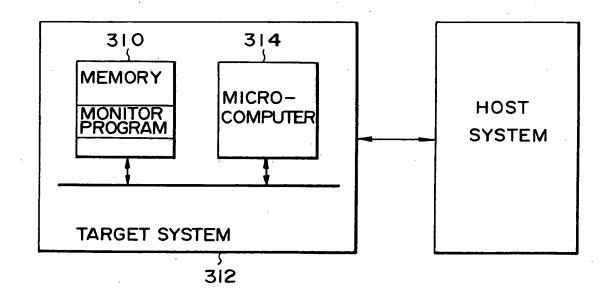
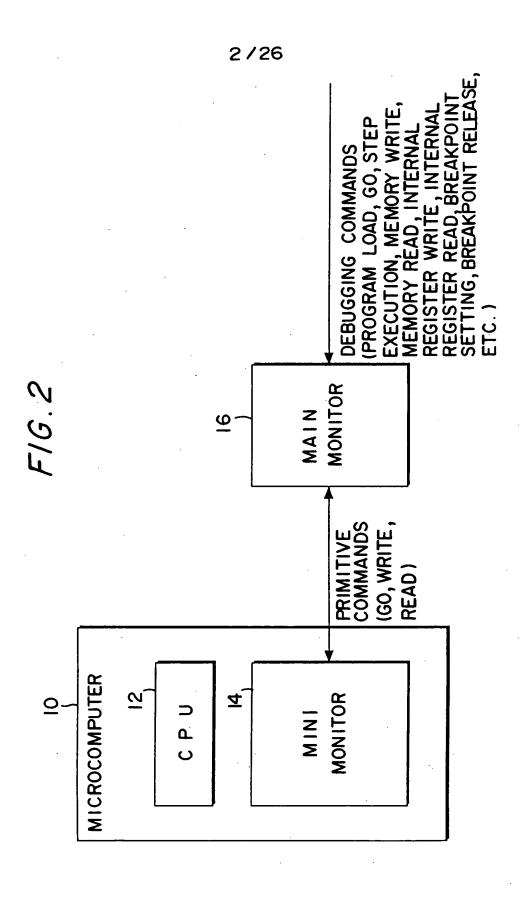


FIG. 1B





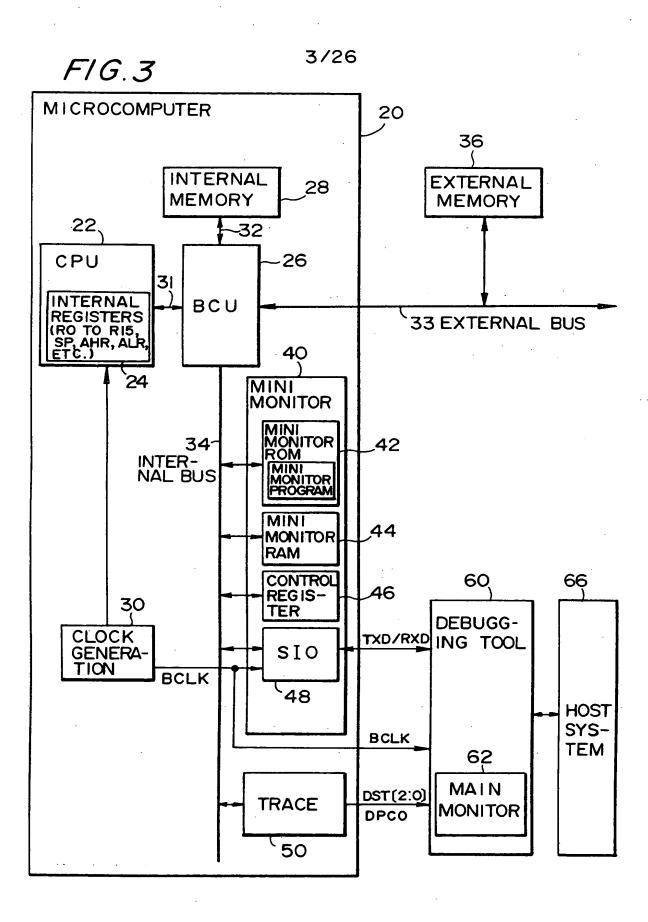
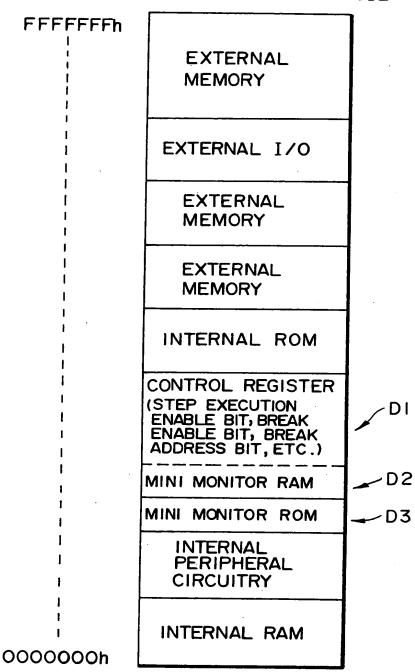




FIG. 4

MEMORY MAP IN DEBUGGING MODE



F1G.54

PROGRAM LOAD

+WRITE(80018h, XOR---, LD.W -------, OR ----WRITE(80010h, ADD ---, SUB -AND ---, OR --- , XOR ---, LD.W ---80010h,12 BYTES,ADD ---, SUB ---

F1G.5B

STEP EXECUTION

WRITE TO STEP EXECUTION ENABLE BIT OF CONTROL REGISTER

INTERNAL REGISTER READ - READ MONITOR RAM ON MEMORY MAP

F1G.5D

F1G.5C

BREAKPOINT SETTING

WRITE TO BREAK ENABLE BIT AND BREAK ADDRESS BIT OF CONTROL REGISTER

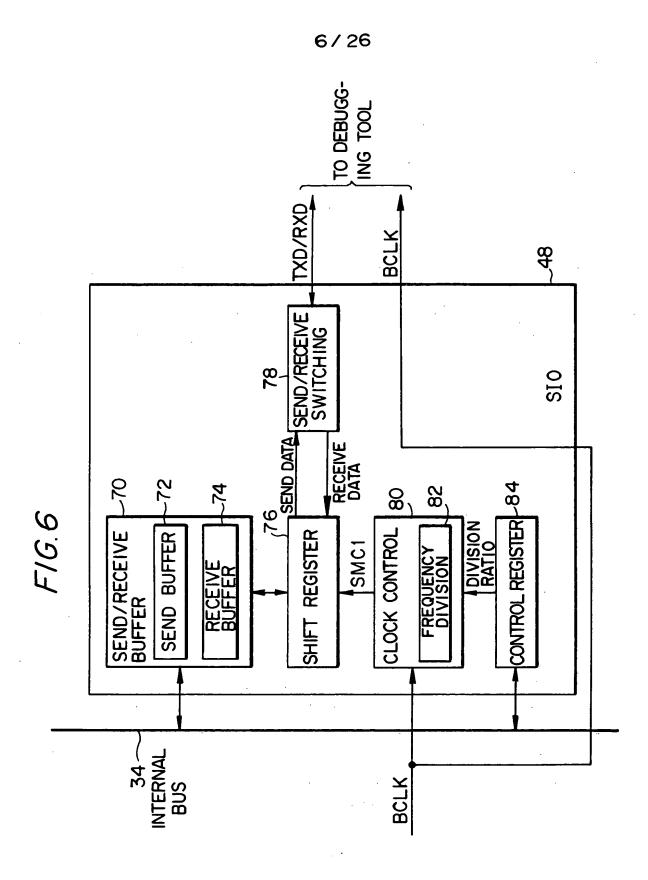
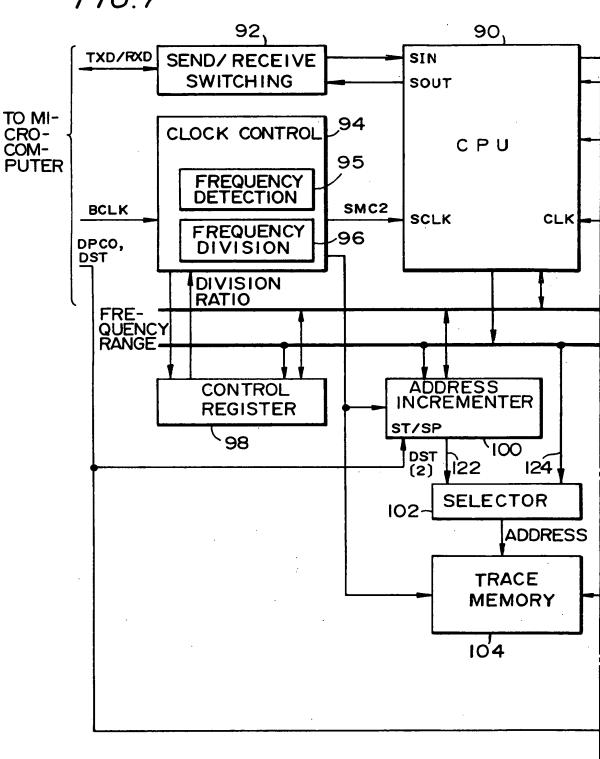


FIG.7



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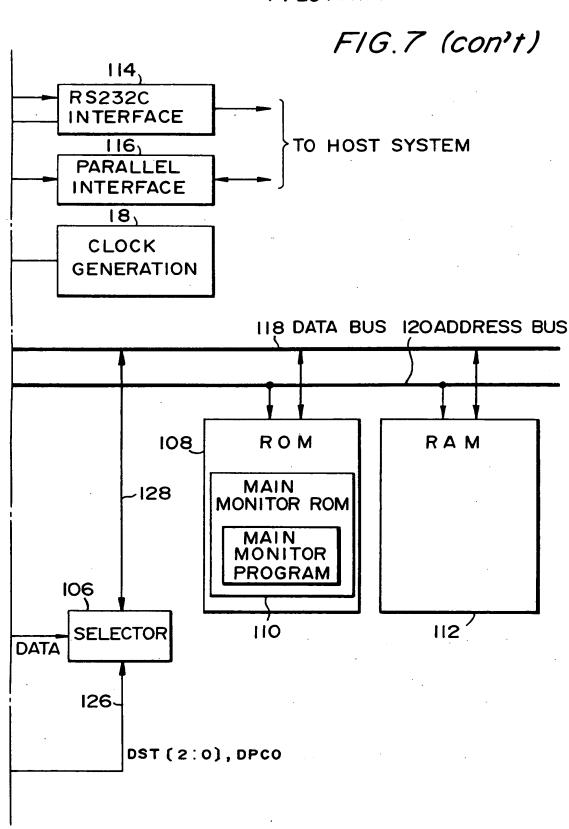


FIG. 8A

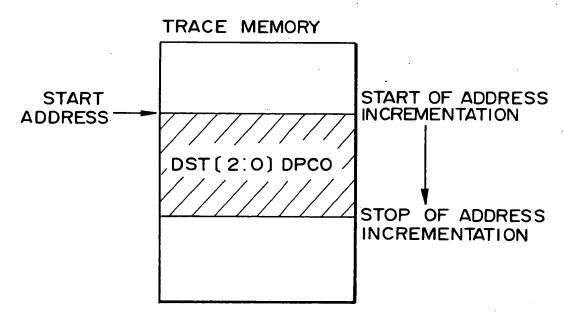
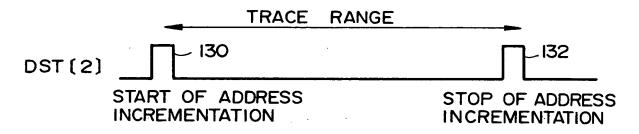


FIG.8B



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FIG. 9A

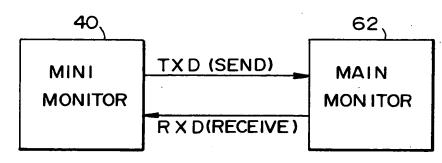


FIG.9B

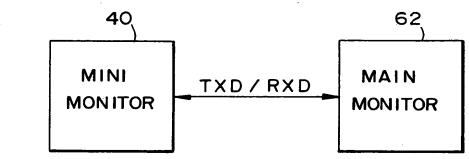


FIG.9C

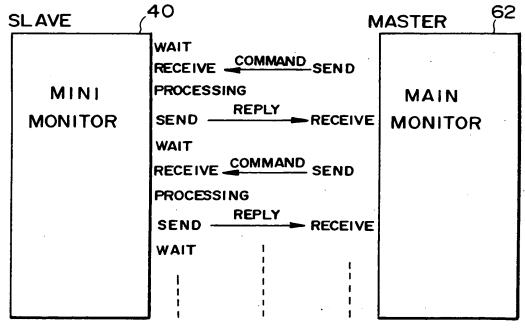


FIG. IOA DATA FORMAT

ID	I BYTE	
DATA SIZE	I BYTE	
ADDRESS	4 BYTES	FIXED LENGTH DATA OF 14 BYTES
DATA 1	4 BYTES	OI 14 BITES
DATA 2	4 BYTES	

FIG. IOB GO COMMAND

h	RECEIVE DATA		
	OOh		

NO SEND DATA.
SHIFT TO EXECUTION

FIG. IOC WRITE COMMAND

OIh

WRITE
ADDRESS
WRITE DATA 1
WRITE DATA 2

SEND DATA	
·	
Olh	

FIG. IOD READ COMMAND

П	ECEIVE DAIR
	02h
F	READ ADDRESS

SEND DATA	
· · · · · · · · · · · · · · · · · ·	
READ DATA 1	
READ DATA 2	

FIG. I IA

EXTERNAL ROUTINE JUMP COMMAND

F	RECEIVE DAT	Α :	SEND DATA	
	03h			
	18h	(DATA FOR CHECK- ING MALFUNCTION)		
	%R12	(ROUTINE ADDRESS)		
	%RI3	(WRITE DATA)	% R10	(RETURN VALUE. WHEN IT IS ZERO, PROGRAM NORMALLY
	%RI4	(DATA ADDRESS)		TERMINATES)

FIG. I IB

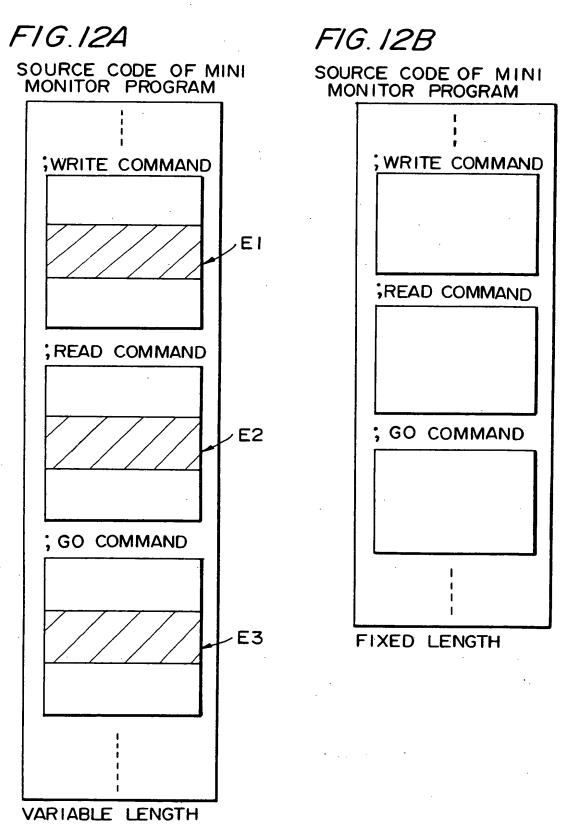
DATA FILL COMMAND

	DVIV

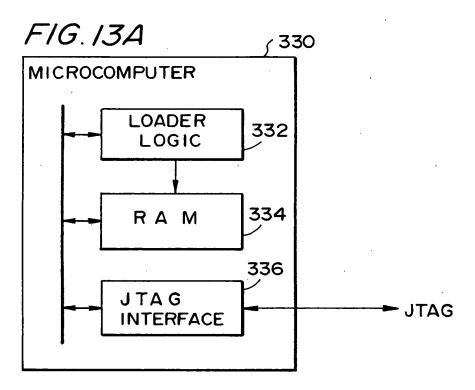
04 h
1,2,4
START ADDRESS
FILL NUMBER
FILL PATTERN

SEND DATA

 .
04h







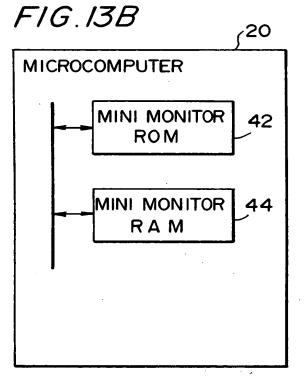


FIG. 14A

, soon high 6.2 Object of Trans 3.77

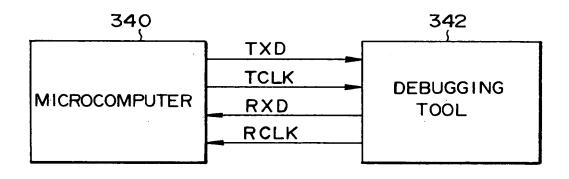
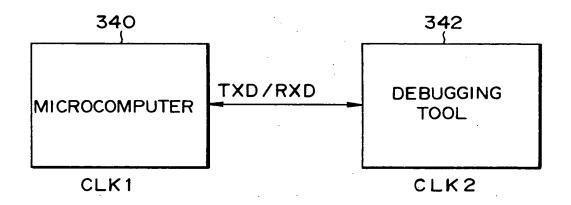
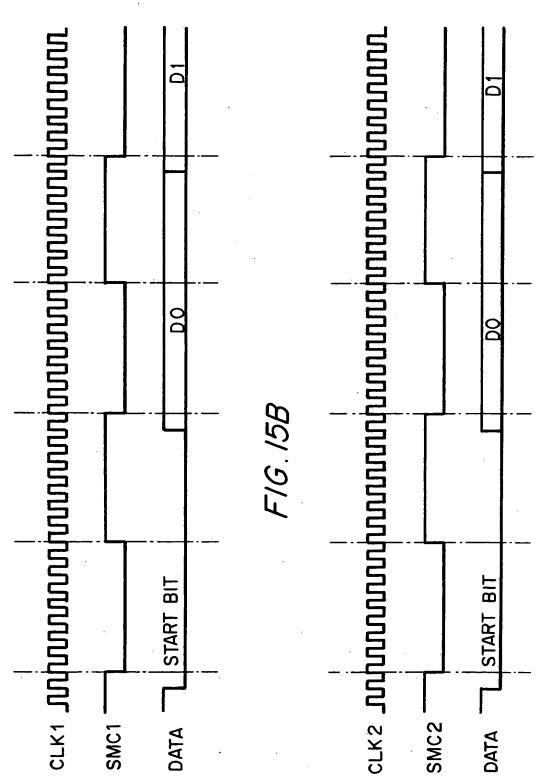


FIG. 14B



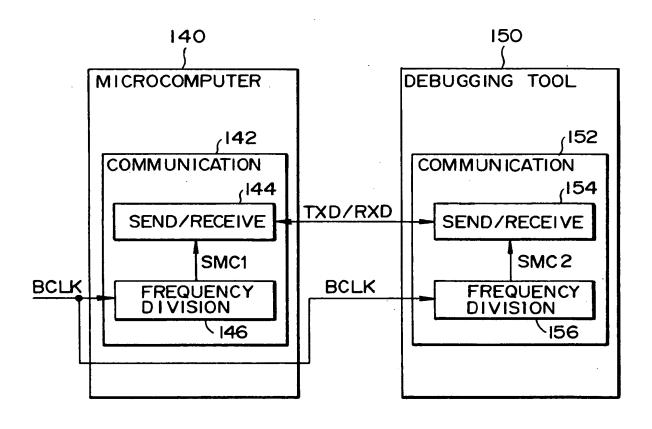
F1G. 154

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SAGE NOW SEE CLARLE

FIG. 16



F1G. 17A

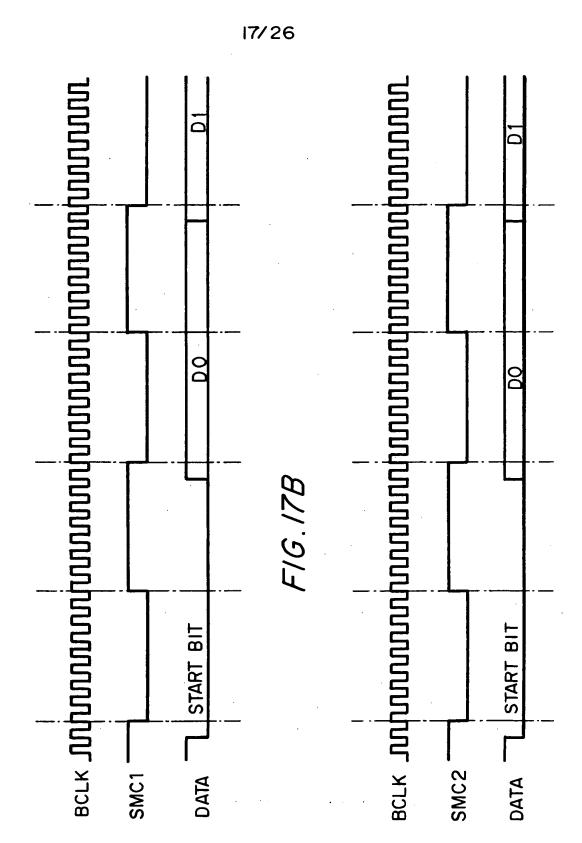
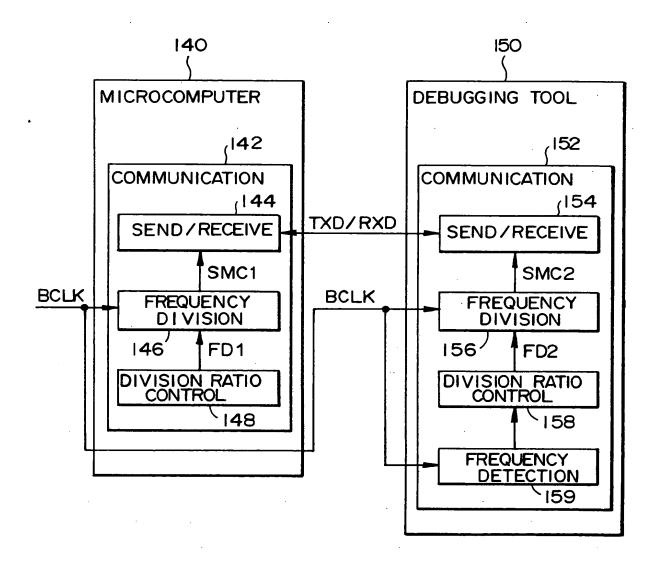
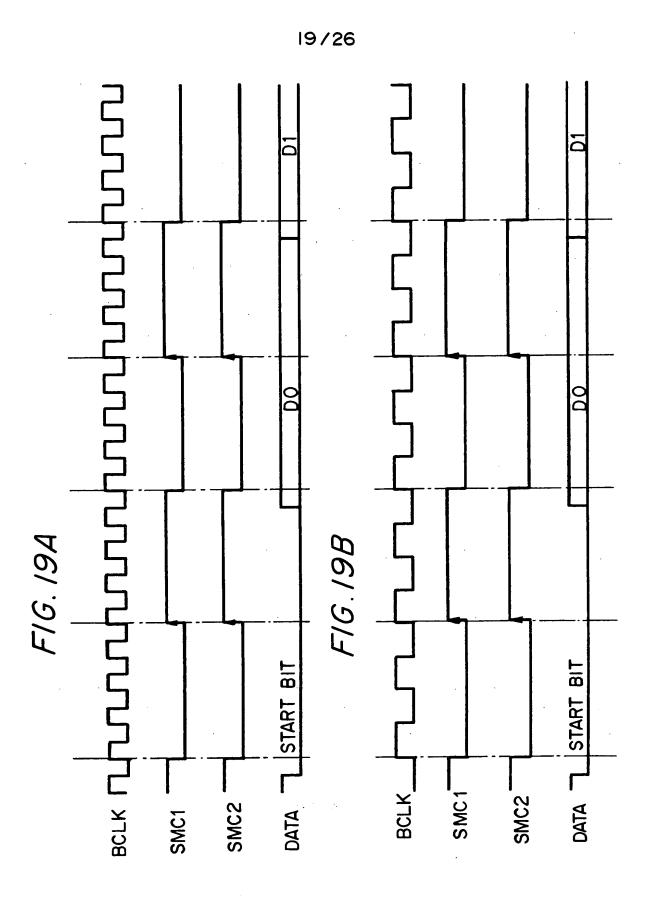
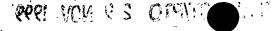
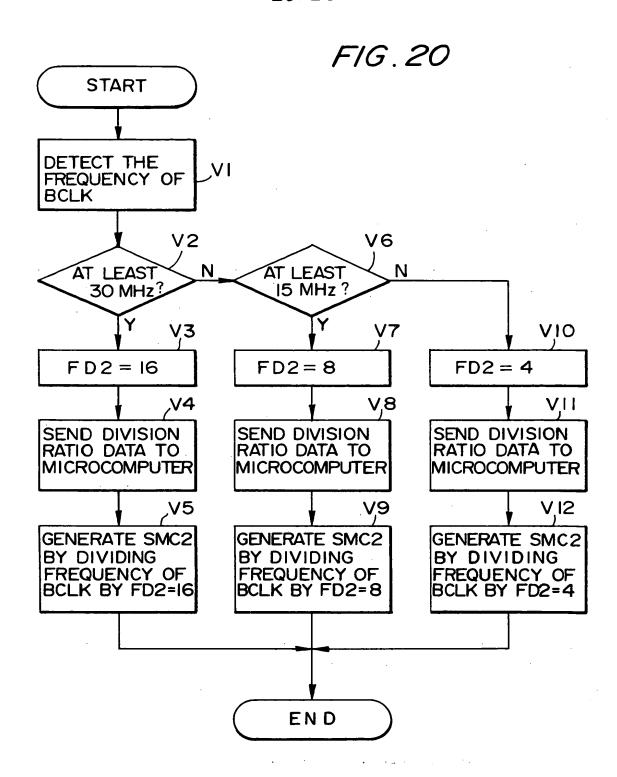


FIG. 18









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FIG. 21

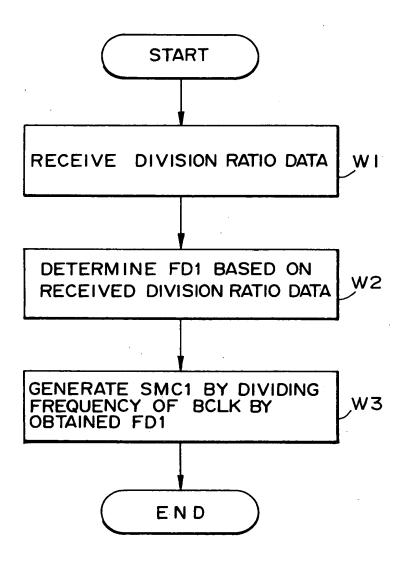


FIG .22

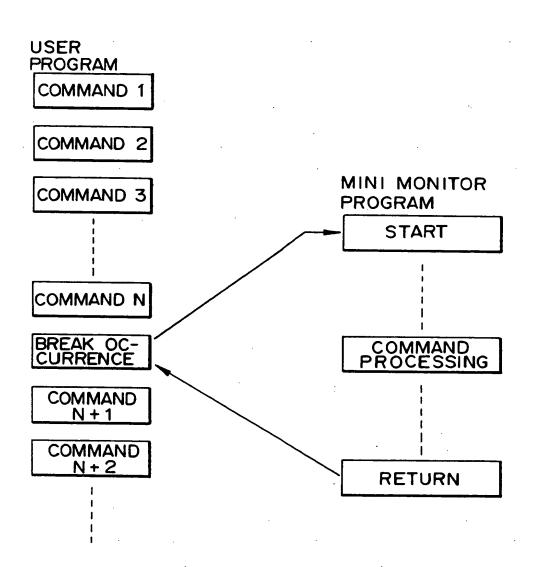
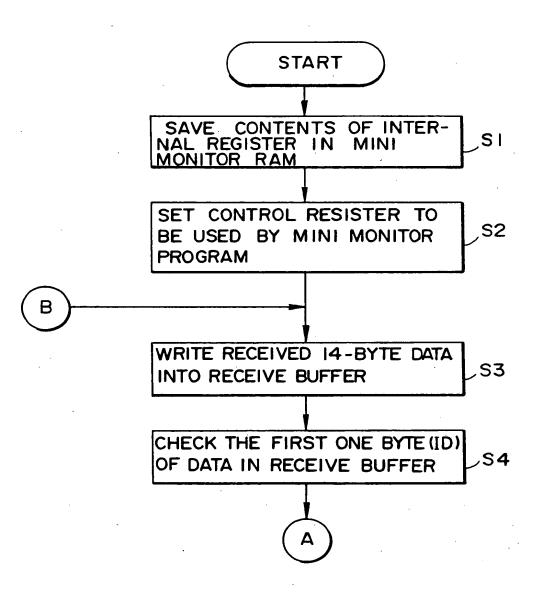
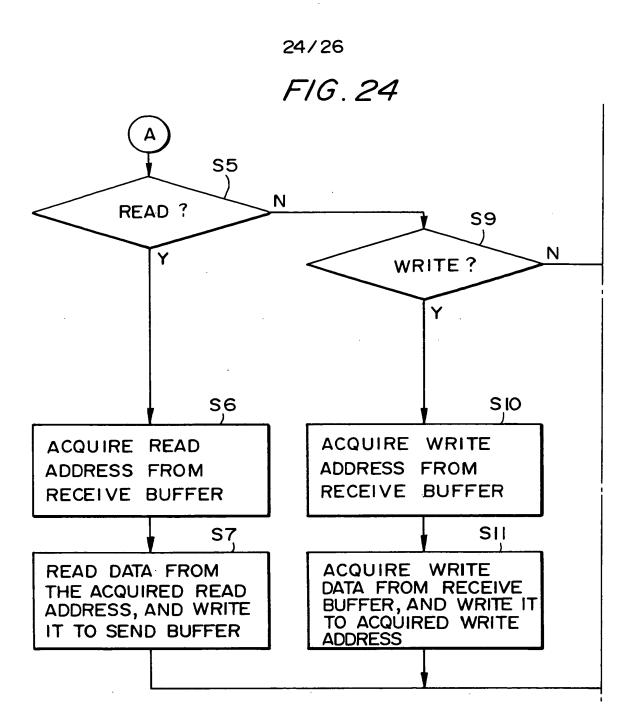


FIG.23



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